

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) An ink cartridge refill system configured to refill an ~~ink chamber of a printer~~ ink cartridge with ink, the system comprising:

an ink ~~supply unit container~~ configured to be coupled to the ink cartridge, the ink container including a first portion and a second portion, wherein the first portion includes a plurality of ink tanks ~~defining at least one internal ink tank;~~

a drain conduit extending ~~between the internal ink tank of the~~ from the first portion of the ink container to the second portion of the ink container ~~ink container and the ink chamber of the printer ink cartridge;~~

a vent conduit extending from the first portion of the ink container to the second portion of the ink container, wherein the vent conduit and drain conduit are configured for simultaneous fluid flow and wherein the fluid flow in the drain conduit is configured to automatically stop when the fluid flow in the vent conduit is stopped ~~member;~~

and

a pressure varying means configured to alter a pressure condition in the internal ink tank of the ink ~~supply unit container~~ to generate ink flow in the drain conduit, wherein the pressure varying means is operatively mounted to the ink ~~tanks container~~ and includes a pliable portion of a wall of the ink ~~supply unit container~~.

2-7. (Cancelled)

8. (Currently Amended) An ink cartridge refilling system configured to refill a ~~housing interior of a printer~~ an ink cartridge, the system comprising:

an ink ~~container~~ supply unit having an upper portion including at least one ink reservoir and a lower portion configured to be ~~connected to the~~ mounted over an ~~printer~~ ink cartridge housing;

at least one ink communication path extending through the lower portion of the ink supply unit configured to connect ~~coupling~~ the ink reservoir ~~in ink flow communication~~ with the ~~printer~~ ink cartridge housing interior;

at least one vent communication path extending through the lower portion of the ink supply unit configured to connect ~~coupling~~ the ink reservoir ~~in air flow communication~~ with the ~~printer~~ ink cartridge housing interior; and

~~a pump mounted to an exterior surface of the ink container, the pump including an actuator configured for actuation to initiate ink flow in the drain conduit, the actuator including a~~ pliable portion on the upper portion of the ink supply unit, the pliable portion providing a fluid-tight seal with the exterior surface of the ink supply unit container.

9. (Currently Amended) The system of claim 8, wherein said ink communication path comprises an elongated ink conduit configured to extend ~~extending~~ from the at least one ink reservoir into the ink cartridge housing interior.

10. (Currently Amended) The system of claim 8, wherein the ink communication path includes an ink flow aperture configured to connect ~~connecting~~ the ink reservoir with the ink cartridge housing interior.

11. (Currently Amended) The system of claim 8, wherein the pliable portion is configured such that when pressure is applied thereto ~~pump is actuatable to initiate ink flow in~~ flows through the drain conduit while the ink cartridge and ink ~~container~~ supply unit maintain a fixed spatial relationship relative to each other.

12. (Currently Amended) The system of claim 8, wherein the pliable portion ~~pump~~ includes a deformable air-filled bladder member.

13. (Currently Amended) The system of claim 8, wherein the ink ~~container~~ supply unit includes a plurality of ink reservoirs, each ink reservoir being fitted with drain and vent conduits and a pressure member.

14. (Currently Amended) The system of claim 8, wherein the pliable portion pump includes a flexible, resilient housing defining an internal chamber that is in fluid communication with the at least one ink reservoir.

15. (Currently Amended) The system of claim 8, wherein the pliable portion pump includes a button shaped actuating member that can be depressed to initiate ink flow.

16. (Cancelled)

17. (Currently Amended) A method of refilling an ~~ink chamber of a printer~~ ink cartridge, ~~the ink chamber containing ink to supply to a print head of the ink cartridge~~, the method comprising steps of:

~~mounting a bottom portion of the printer~~ an ink cartridge in a refill base member;
connecting the refill base member with an ink supply unit such that the ink cartridge is in both air flow and ink flow communication with the ink supply unit;

orienting the ink supply unit so that it is elevated above the ink cartridge;
~~releasably coupling the refill base member to a refill ink container;~~
~~coupling the ink container to a top portion of the printer ink cartridge, the ink container having at least one ink reservoir;~~
~~coupling the at least one ink reservoir in ink flow communication with the ink chamber;~~
~~coupling the at least one ink reservoir in air flow communication with the ink chamber;~~
varying pressure in the ink reservoir to initiate the ink flow communication while maintaining a fixed spatial relationship between the ink container and the ink cartridge; and
automatically discontinuing the ink flow when the air flow between the ink supply unit and the ink cartridges stops.

18. (Cancelled)

19. (Currently Amended) The method of claim 17, further comprising the step of opening refill holes into the housing interior of the ~~printer~~ ink cartridge.

20. (Original) The method of claim 19, further comprising the steps of inserting a foam drill into the refill holes and engaging the foam within the housing interior with the foam drill.

21. (Original) The method of claim 17, wherein coupling the at least one ink reservoir in ink flow communication includes extending an ink conduit between the ink reservoir and the ink chamber.

22. (Original) The method of claim 17, wherein coupling the at least one ink reservoir in air flow communication includes extending an air conduit between the ink reservoir and the ink chamber.

23. (Cancelled)

24. (Currently Amended) An ink cartridge refill kit, comprising:
a package;

an ink ~~container~~ supply unit positioned in the package, the ink ~~container~~ supply unit including an internal ink tank, a drain conduit, a vent conduit, ~~and~~ a pressure varying member, and an ink stopper, the drain conduit being in ink flow communication with the internal ink tank, the vent conduit being in air flow communication with the internal ink tank, and the pressure varying member being configured to alter a pressure condition within the internal ink tank, the ink stopper configured to prevent ink from spilling out of the drain conduit, ~~the ink container configured to be coupled to a top portion of an ink cartridge;~~ and

~~a printer~~ an ink cartridge carrying base positioned within the package, the printer ink cartridge carrying base being configured to retain ~~a printer~~ an ink cartridge ~~to be refilled with ink from the ink container,~~ and configured to operatively mount to a bottom portion of ~~an ink cartridge and to the ink container~~ supply unit.

25. (Cancelled)

26. (Currently Amended) The kit of claim 24, further comprising a fill hole opening device positioned within the package, the fill hole opening device being configured to dislodge fill hole plugs covering ink fill holes of a ~~printer~~ an ink cartridge.

27. (Currently Amended) The kit of claim 24, further comprising a foam drill positioned within the package, the foam drill being configured to be inserted into the fill holes and engage foam within the ~~printer~~ ink cartridge.

28-30. (Cancelled)

31. (New) The system according to claim 1, wherein the cartridge seat includes a drain conduit guide that is configured to receive a portion of a drain conduit.

32. (New) The system according to claim 1, further comprising a cartridge seat configured to mount to an ink cartridge and engage the second portion of the ink container.

33. (New) The system according to claim 1, wherein the pliable portion is located on the exterior of the first portion of the ink container.

34. (New) The system according to claim 1, wherein the second portion of the ink supply unit is configured to be mounted over an ink cartridge.

35. (New) The system according to claim 8, wherein the at least one ink communication path and the at least one vent communication path are configured for simultaneous fluid flow and wherein the fluid flow in the ink communication path is configured to automatically stop when the fluid flow in the vent communication path is stopped.

36. (New) The method of claim 17, wherein the step of connecting the refill base member with an ink supply unit comprises the step of removing ink stoppers from the ink supply unit.

37. (New) The method of claim 17, wherein after ink flow is initiated using the force of gravity to maintain the ink flow.